

**Title:**

The effects of hypoxia on the stemness properties of human dental pulp stem cells (DPSCs)

**Authors:**

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- **Supplementary Table 1. Numerical analysis for the percentages of cells expressing stem cell markers analyzed by flow cytometry.**
- **Supplementary Table 2. Donor information for used dental pulp derived mesenchymal stem cells.**
- **Supplementary Table 3. Human primer sequences used in real-time polymerase chain reaction analysis**

**Table S1. Numerical analysis for the number of cells analyzed by flow cytometry and their percentages**

	CD105	CXCR4	G-CSFR
<b>20% O<sub>2</sub></b>	99.58 %	5.68 %	5.00 %
<b>5% O<sub>2</sub></b>	99.48 %	19.55 %	26.23%
<b>3% O<sub>2</sub></b>	99.33 %	9.78 %	10.20%

**Table S2. Donor information for used dental pulp derived mesenchymal stem cells.**

ID	#1	#2	#3	#4
<b>Sex</b>	Female	Female	Female	Female
<b>Age</b>	22	25	23	21
<b>Tooth</b>	Upper right third molar	Upper left third molar	Lower left third molar	Lower right third molar

**Table S3. Human primer sequences used in real-time polymerase chain reaction analysis**

Gene	Primer sequence	NCBI reference	
B-actin	5'-GGACTTCGAGCAAGAGATGG-1' 3'-AGCACTGTGTTGGCGTACAG-2'	Forward Reverse	NM_001101
BDNF	5'-AACATCCGAGGACAAGGTG-1' 3'-CGTGTACAAGTCTGCGTCCT-2'	Forward Reverse	NM_170735
GDNF	5'-CCAACCCAGAGAATTCCAGA-3' 3'-AGCCGCTGCAGTACCTAAAAA-4'	Forward Reverse	NM_000514
HLA-G5	5'-AGTCTTCCCTGCCACCAT-3' 3'-CTTCTCCACAGCACAGCAG-2'	Forward Reverse	NC_00006
IDO	5'-CAAAGGTCATGGAGATGTCC-1' 3'-CCACCAATAGAGAGACCAGG-2'	Forward Reverse	NM_002164
IL-10	5'-ACCTGCCTAACATGCTTCGAG-1' 3'-CTGGGTCTTGGTTCTCAGCTT-2'	Forward Reverse	NM_000572
MHC II	5'-AGGCAGCATTGAAGTCAGGT-1' 3'-GGCAGGTGTAAACCTCTCCA-2'	Forward Reverse	NM_002124
Nanog	5'-CAGAAGGCCTCAGCACCTAC-5' 3'-ATTGTTCCAGGTCTGGTTGC-6'	Forward Reverse	NM_024865
NGF	5'-ATACAGGCGGAACCAACACTC-3' 3'-GCCTGGGGTCCACAGTAAT-5'	Forward Reverse	NM_002506
Oct4	5'-GACAGGGGGAGGGGAGGAGCTA-5' 3'-CTTCCCTCCAACCAGTTGCCCAA-6'	Forward Reverse	NM_002701
Sox2	5'-AATGCCTTCATGGTGTGGTC-5' 3'-CGGGGCCGGTATTATAATC-6'	Forward Reverse	NM_003106
VEGF	p.5'-CTACCTCCACCATGCCAAGT-1' p.3'-ACACAGGACGGCTTGAAGAT-2'	Forward Reverse	NM_001033756